

Recombinant Mouse Cyth1 Protein, Myc/DDK-tagged

Cat. No. Cyth1-2428M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length cytohesin 1 (Cyth1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Promotes guanine-nucleotide exchange on ARF1, ARF5 and ARF6. Promotes the activation of ARF factors through replacement of GDP with GTP. Plays an important role in membrane trafficking, during junctional remodeling and epithelial polarization, through regulation of ARF6 activity.
Molecular Mass	46.2 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	Cyth1 cytohesin 1 [Mus musculus (house mouse)]
Official Symbol	Cyth1
Synonyms	CYTH1; cytohesin 1; cytohesin-1; mSec7-1; SEC7 homolog A; pleckstrin homology, Sec7 and coiled-coil domains 1; PH, SEC7 and coiled-coil domain-containing protein 1; CLM1; CTH-1; CYTIP; Pscd1; mKIAA4240; KIAA4240
Gene ID	19157
mRNA Refseq	NM_001112699
Protein Refseq	NP_001106169
UniProt ID	Q9QX11

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